

Concrete Products Task Group Meeting Minutes

April 12, 2012, 10:00am – 12:00pm, Translab Room 514, Structural Materials Annex

1. Welcome

Mr. Speer welcomed all the members of Concrete Products Task Group that are present and thanked everyone for taking the time to participate. The group went through a round of introductions.

2. Review of Agenda and Action Items from Last Minutes

The meeting minutes and action items were reviewed from the January 2012 meeting. No issues were noted.

Several items that had been previously completed would be taken off of the Action Items listing, so as to eliminate clutter from the document.

3. Housekeeping- FTP site access, binders, calendar

Mr. Petska went through a listing of the action items and the documents in the print-out package. The group was also reminded to check the FTP Site for the latest information.

He also indicated that Mr. Hill and Mr. Stickel would be provided RPC Binders in the near future.

4. "State of the Industry" Address

As an information item, Mr. Rea reported that the Aggregate Availability Group has resumed meeting. It is an intergovernmental (including Caltrans) and industry work group that discusses policies to protect aggregate resources and address permitting issues.

Mr. Rea also reported that the Transportation California group has been investigating ways to find stable funding for infrastructure projects.

Mr. Rea also discussed the NRMCA – International Concrete Sustainability Conference and indicated that will take place in Seattle during the period of May 7-10. He indicated it would be a great opportunity for all to attend.



Mr. Stickel indicated that he was pleased to see the “Statewide Aggregate” database activity under development. His constituents see this as an important activity that can help communicate test results across the State.

He also indicated that there were additional discussions within Industry regarding the “Equation #2” requirements in Section 90. More work would likely take place on this topic in the future. The issue remains that there is little supply of Slag (GGBFS) in southern California.

Mr. Hennings also pointed out that his organization would be changing names to Southwest Concrete Pavement Association (SCPA).

5. Review of New Activities for FY12-13

Mr. Speer brought the group through the listing of the new activities for the FY12-13, which currently includes the “Recycled Concrete”, “Roller Compacted Concrete”, and “Curing PC PS Piles” activities. He indicated that these new activities were compiled from the various STG discussions that have occurred.

A brief discussion ensued regarding synchronizing priorities between the different committees (to include the Bridge Deck Preservation Committee) on topics such as Post-tensioning Grout and Smoothness for pavement.

6. Review of Pavement TAP Activity listing

Mr. Holland led a discussion regarding the UCPRC document and the upcoming research to be conducted through Pavement TAP. A brief discussion ensued the regarding the Pavement TAP activities and the latest news of which ones would be pursued.

Mr. Speer emphasized the desire to pull “research” from these activities, not attempting implementation and specification construction. The ideas and the unique approach are what are desired from the Pavement TAP research.

Mr. Reis assisted with an overview of the “Recycled Concrete” Pavement TAP activity and how this runs in conjunction with the RPC activity. He indicated that additional deliverables might be incorporated in the Pavement TAP if it is desirable to explore new ideas.

The group held a brief discussion on the “Survey of ASR Related Concerns” and discussed the need to get ahead of ASR concerns that have been heard statewide.

The group went over brief summaries of each of the other activities. No significant concerns were reported for each of the activities. Mr. Reis indicated he would provide suggested updates



to the UCPRC document and recommend that two different documents be provided (one for active activities, one for inactive).

The “Polyester Concrete Overlay” would require more discussion in the future before being activated.

For the “Performance Based Spec” activity, action would need to take place in Mr. Reis’s STG in conjunction with Mr. Holland on how to develop a formal proposal to receive NCHRP fund. An action item was noted to uncover what has been done in the past, as well as to develop a Scoping Statement on this activity. The “Performance-Based Concrete” Lean Concrete Base portion may come from Pavement Foundations TG.

Mr. Farnbach also indicated that a consultant contract may be created for the “Forensic Investigation of Precast Pavement” activity.

7. Updates on the “Smoothness” Activity

Mr. Farnbach gave an overview of the “Smoothness” activity. He indicated that more work would need to be done to develop this activity for AC and for PCC. Mr. Hennings indicated that they are opposed to much of the work that is taking place at TTI (regarding inertial profilers and profilographs) for this activity.

Mr. Farnbach also spoke briefly about the profilograph changes that may need to take place.

A meeting would need to take place to synchronize efforts between committees on any potential changes that would need to take place.

8. Overview of FY12-13 SP&I Priorities

Mr. Speer went through the formal listing of the SP&I priority listings for the next fiscal year. He gave a highlight of the key items listed in the priorities sheet, to include the activities from the Concrete TG.

9. Updates from Sub Task Group co-chairs

a. CIP Pavement Subtask Group

Mr. Hennings indicated that the most previous meeting at the STG level took place in January 2012. No significant issues have been noted since this meeting.



Mr. Farnbach gave a brief overview of the “CoTE” activity and indicated that more data would be provided and compiled in the near future on this activity.

No significant issues were reported for the “Rapid Strength Concrete” activity.

For the “CRCP” activity, more work on the individual deliverables would be taking place in the near future.

The “Fully Pervious Pavement” activity is now 100% complete, and would be moved to the completed items listing.

The “Bond Breaker” new specification has gone out for final review.

The start of the “Dowel Tolerance” activity was still pending further discussion.

b. Precast Subtask Group

Mr. Hoffman gave a brief overview of the Precast STG activities.

For the “Precast QC/Technical Requirements” Activity, Mr. Hoffman indicated that a new Scoping Document has been developed, hoping to accomplish the Industry objectives.

For the Precast PS Pile activity, a Scoping Document would need to be developed. Mr. Ohlwiler indicated that a document would be submitted in the coming days, and indicated this should be an action item for the meeting.

For the “Precast Pavement” activity, a meeting is scheduled on 24 April to discuss the details on the PPCP and PCP design drawings and specifications. Mr. Farnbach indicated that a task order would be created to define the design methodology for precast pavement; this would be accomplished in the coming days.

For the “Drainage Inlet” Bin List activity, Mr. Hoffman indicated that a meeting would occur in the coming days with CT and Industry to understand the LRFD design assumptions that would be used on any changes to standard designs.

Mr. Hoffman also noted that a meeting would be taking place for the “MPQP Evaluation for Precast Facilities” Bin List item to understand any Industry concerns. He also noted that the “Plastic Chair” Bin List activity continues to be discussed at the STG level; an ASTM standard may be the best way to solve any concerns for this item.



c. Concrete Materials/QA Subtask Group

Mr. Reis gave a brief overview of the Materials/QA STG activities.

For the “Structural Concrete QCQA” Activity, Mr. Reis indicated that progress had been made on this activity in the recent weeks. Particular to the QA portion, the Contractor’s results would be used as part of the acceptance process, and additional review of the Specification at the Team Level would take place in the near future. Outreach on the QCQA Schema would take place with Industry in the coming weeks.

For the “Statewide Aggregate” database, Mr. Reis indicated that work on this database would take place in conjunction with the QCQA activity. The development of the DIME database would help save time in storing and inputting test data for projects, and could even incorporate the use of different Hardware (i.e. Laptop Computers and iPad Tablets). The database would be ready for use in the next fiscal year.

For the “Construction Manual Updates” activity, updates were consistently being posted to the CT website.

For the “Recycled Concrete” activity, Mr. Reis indicated that an additional meeting would take place on 24 April to help develop this activity further. He extended an invitation for any interested parties.

The group also held a brief discussion on the “Moderate to High Strength” Bin List activity, and indicated that more work would need to take place in the future in order to make this active. Mr. Stickel indicated that a new Scoping Document would be developed by Industry and sent as necessary.

For the “Internal Curing” Bin List activity, Mr. Reis indicated that he would like Industry to clarify whether or not there is interest in pursuing this activity through the RPC.

For the “Smog Eating Concrete” activity, Mr. Reis indicated that more research would need to take place in order to select the most appropriate activity. Pilot project selection is currently under development.

10. Discuss issues, questions, and action items

The group went through a brief overview of the action items from the meeting. These items are captured in the table below.

Below is the summary of decisions made or consensus received during the April 12th meeting.

General

- The “Fully Pervious Pavement” activity is now 100% complete, and would be moved to the completed items listing.

Below is the brief summary of action items from the April 12th meeting:

Action Items from 4/12/12 meeting	Due Date	Responsible Person	Status
Create Binder for Ron Stickel and Mark Hill	30 April 2012	Bobby Petska	Pending
Create Scoping Statement to request funds through NCHRP for research at the national level on the “Performance Based Spec” activity	12 July 2012	Rob Reis	Pending
Schedule a meeting with Bridge Deck Preservation Committee to discuss “Smoothness” activity and synchronize efforts.	12 July 2012	Keith Hoffman	Pending